INTERNATIONAL SEARCH REPORT

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extional Application No PCT/EP2004/003731

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F9/46 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Ejectronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X EP 1 162 536 A (HITACHI LTD) 10-12, 12 December 2001 (2001-12-12) 20,21, 25,26, 28,29 paragraph '0011! - paragraph '0028! EP 1 054 322 A (HITACHI, LTD) 1,13,14 X 22 November 2000 (2000-11-22) paragraphs '0043! - '0045!, '0065! -US 2001/016879 A1 (ARAI TOSHIAKI ET AL) 1-7,10, X 20,21, 23 August 2001 (2001-08-23) 25,26, 28,29 paragraph '0016! - paragraph '0019! paragraph '0054! - paragraph '0063! Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but died to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 29, 96, 2005 17 March 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5816 Patentiaan 2 NL - 2280 HV Rijswijk Tet. (+31-70) 340-2940, Tx. 31 651 epo nl, Fax: (+31-70) 340-3018 Bijn, K

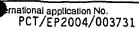
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
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A	"Jaluna-2 Preview Release 1 Description" JALUNA PRODUCT DOCUMENTATION, December 2002 (2002-12), pages 1-32, XP0001189063 the whole document	1-32				

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12 20 21 25 26 28 29 32-36

Handling processor exceptions for the second operating system in virtual fashion

2. claims: 13-14

Providing access to shared input and/or output devices

3. claims: 15-18

Restarting the second operating system without interrupting operation of the first operating system

4. claim: 19

Debugging the operating systems

5. claims: 22-24 27

Providing inter-operating system communication

6. claim: 30 31

Modifying each operating system for operating in multiple operating system mode $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right)$

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